

Material Safety Data Sheet
Romeo Brand Fertilizers

Manufacture: Romeo Packing Company
106 Princeton Ave.
Half Moon Bay, CA 94019

Emergency Phone: 800-535-5053
Non Emergency : 650-728-3393
August 31, 2004

I. Material Identification

Chemical Name: Compound Fertilizer Mix
Product Name: Romeo Fertilizer: Sago Shot
Analysis: 15-5-10

II. Hazardous Ingredients

<u>Material</u>	<u>CAS #</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Ammonium Phosphate	7783-28-0	None	None
Calcium Phosphates	7758-23-8 7757-93-9 7758-87-4	None	None
Calcium Sulfate	7778-18-9	None	None
Copper Sulfate	7758-99-8	1 mg/M3	1 mg/M3
Iron Oxide	1309-37-1	10mg/M3	5 mg/M3
Magnesium Oxide	10034-99-8	None	None
Manganese Oxide	1313-13-9	None	2 mg/M3
Methylene Urea	9011-05-6	None	None
Potassium Sulfate	7778-80-5	None	None
Ureaform	9011-05-6	None	None
Zinc Oxide	7440-66-6	10 mg/m3	10 mg/m3

III. First Aid Procedures

Ingestion: Drink warm water, milk, or activated charcoal and induce vomiting by touching back of throat with a finger. Consult a physician.

Inhalation: If moderate discomfort to throat or nose, remove to fresh air and support respiration. Call physician if discomfort persists.

Eyes: Flush eyes with water for 15 minutes. Call a physician if discomfort persists.

Skin: Wash with soap and water if aggravation occurs. Call a physician if discomfort persists.

IV. Fire Fighting Measures

Extinguishing Media: Water Spray - material is essentially non-flammable

Special Fire Fighting Procedures: Do not breath fumes. Wear self-contained breathing apparatus. Remove from area of fire at first opportunity.

Unusual Fire Hazards: If heated to decomposition, will give off toxic fumes.

V. Accidental Release Measures

If Spill Occurs: If material is uncontaminated, collect into clean container for use.
If contaminated, scoop into containers for disposal. Inform
authorities immediately if sewers or watercourses are contaminated.

VI. Handling and Storage

Store in a cool dry area. Keep out of reach of children and domestic animals.

VII. Exposure Controls/Personal Protection

Ventilation Protection: Provide local or general ventilation to keep dust below
ACGIH nuisance dust limit of 10mg/m³. Applicators
should stand upwind.

Respiratory Protection: NIOSH/MSHA approved respirator should be used if dust
exposure exceeds levels of 10mg/m³.

Protective Clothing: None usually required. Long sleeves and gloves should be
used by those with sensitive skin.

Eye Protection: Use of safety glasses is recommended.

VIII. Physical and Chemical Properties

Boiling Point: Not applicable **% Volatiles by vol.:** None listed

Melting Point: Decomposes on heating **Vapor pressure:** N/A

Density: 60 lbs./cub. Ft. **Reaction w/water:** Not listed

Flashpoint: Non flammable

pH: Non listed

Appearance: Blue, beige and gray spherical prills.

Extinguish Media: Use media suitable to extinguish source of fire.

Solubility in water: Approximately 10% insoluble in water at room temperature.

% Volatiles by vol.: None listed.

Vapor pressure: N/A

Reaction w/water: Not listed

IX. Stability and Reactivity

Stability: Stable in normal usage and storage.

Conditions to avoid: None listed

Incompatibility: None listed

Hazardous Decomposition Products: Decomposes on heating to nitrogen oxides.

Hazardous Polymerization: Will not occur

X. Toxicology Information

Ingestion: Acute oral toxicity (rat) LD50: 6600 mg/kg for potassium sulfate.

XI. Other Information

Flash Point (Test Method): Non-flammable

Auto-ignition Temperature: Non-applicable

Hazard rating: **Health:** 1 **Fire:** 0 **Reactivity:** 0 **Specific:** N/A

Flammable Limits (% by volume): Lower: N/A Upper: N/A